



Gore series 500 Gasket Tape



Description

100% expanded PTFE-tape with high multidirectional tensile strength, suitable for o.o.t. heat exchange flanges. Universally chemical resistant with the exception of molten alkali metals and elemental fluorine, pH 0-14.

Technical properties

- good chemical resistance
- creep- and cold flow resistant
- great adaptability
- large application limits
- does not age

Application

- chemical and generic industries

Chemical resistance, pressure and temperature

-268°C to max +315°C

Max. 40 bar

Well suited for varying temperature and pressure. Delivery only per full role.

Supply programme

The tape is available in different sizes, see table 2.

Approvals and certificates

- FDA
- TA LÜft

Table 1: Technical data*

Gasket factor	Norm	Value thickness 3mm	Unit
Qmin (LO,1)	DIN 28090	19	MPa
Qmax	DIN 29090	170	MPa
Minimum temperature		-268	°C
Maximum temperature		+315	°C
Compression	ASTM F 36 J	54	%
Recovery	ASTM F 36 J	16	%
Max applicable pressure*		40	bar
Density		0,9	g/cm ³
Specific leak-tightness	DIN 3535-6	<0,1	mg/(s*m)
Residual surface pressure	DIN 52 913 150°C-30MPa	15	MPa
M		2,5	
Y		2750	PSI

* Depending on material and construction

Table 2: Supply programme

Length (m)	Coil	Thickness	Part no.
10	10	3	12327514
10	10	6	11185136
10	15	3	12327517
10	15	6	12327530
10	20	3	12327519

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